

FIG. 1

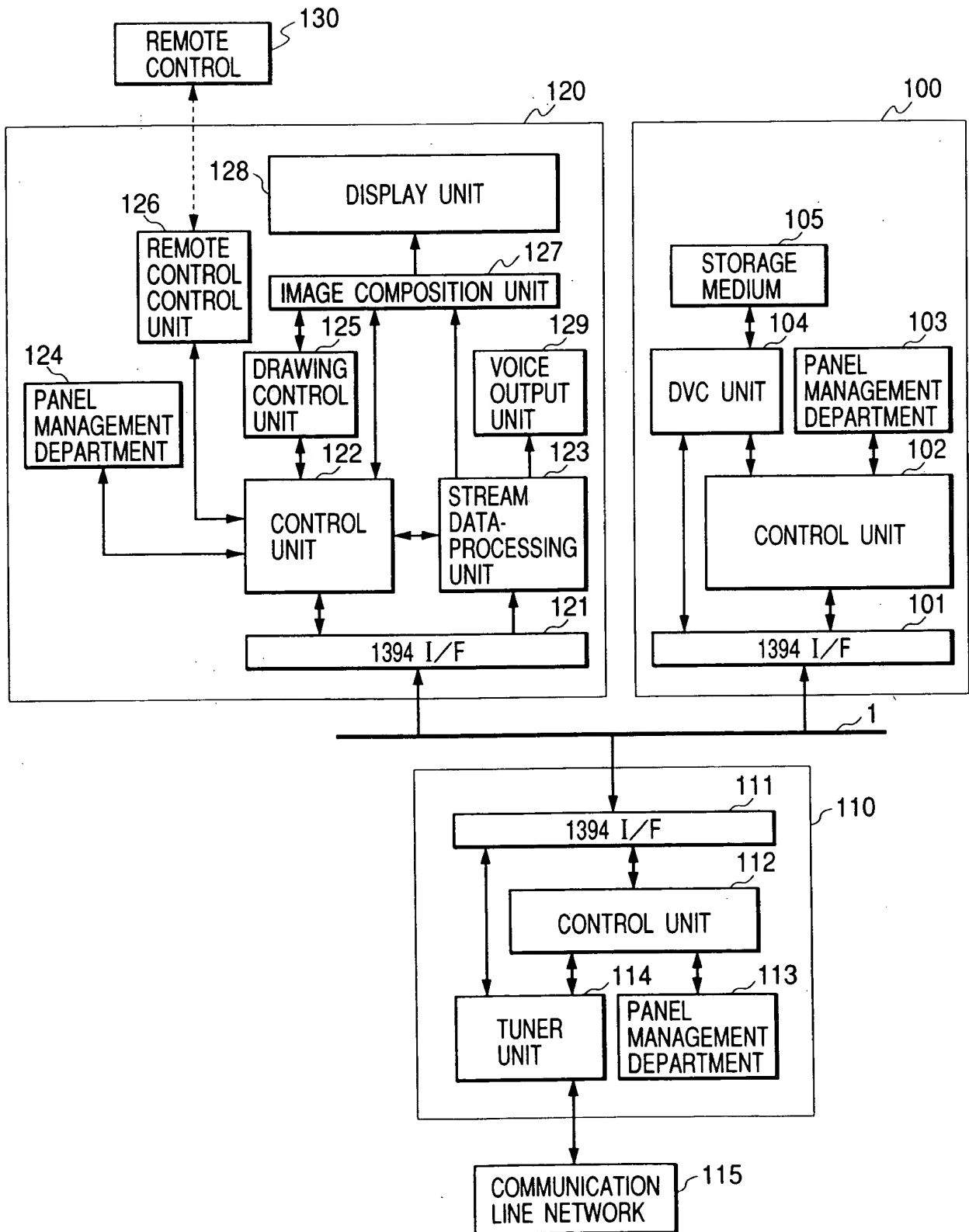


FIG. 2

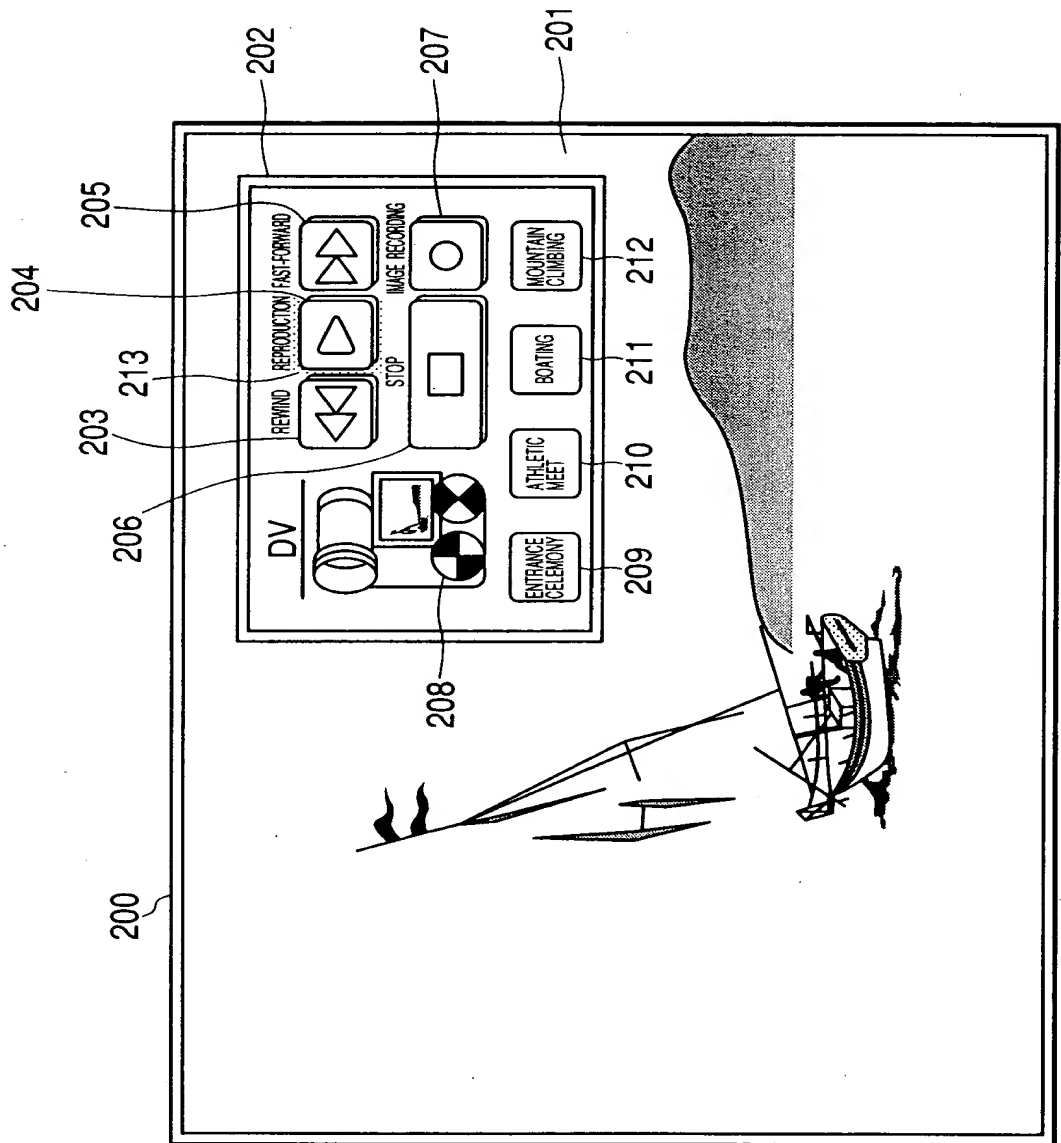


FIG. 3

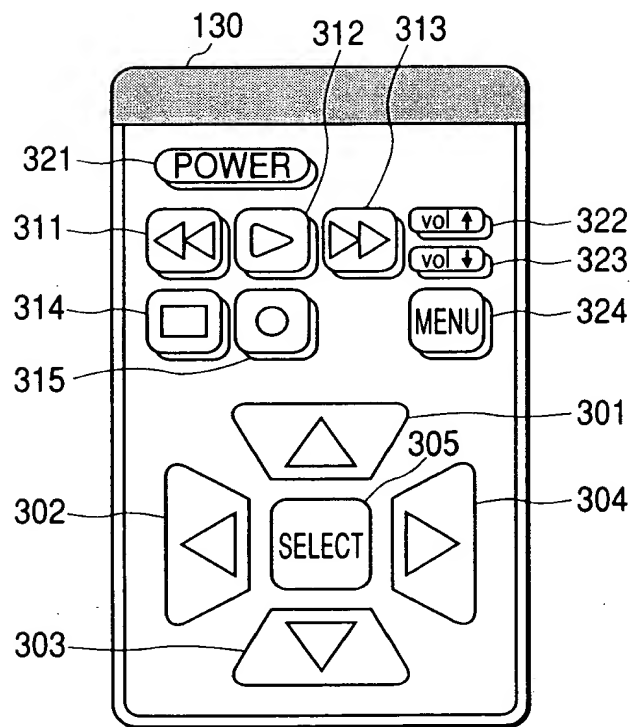


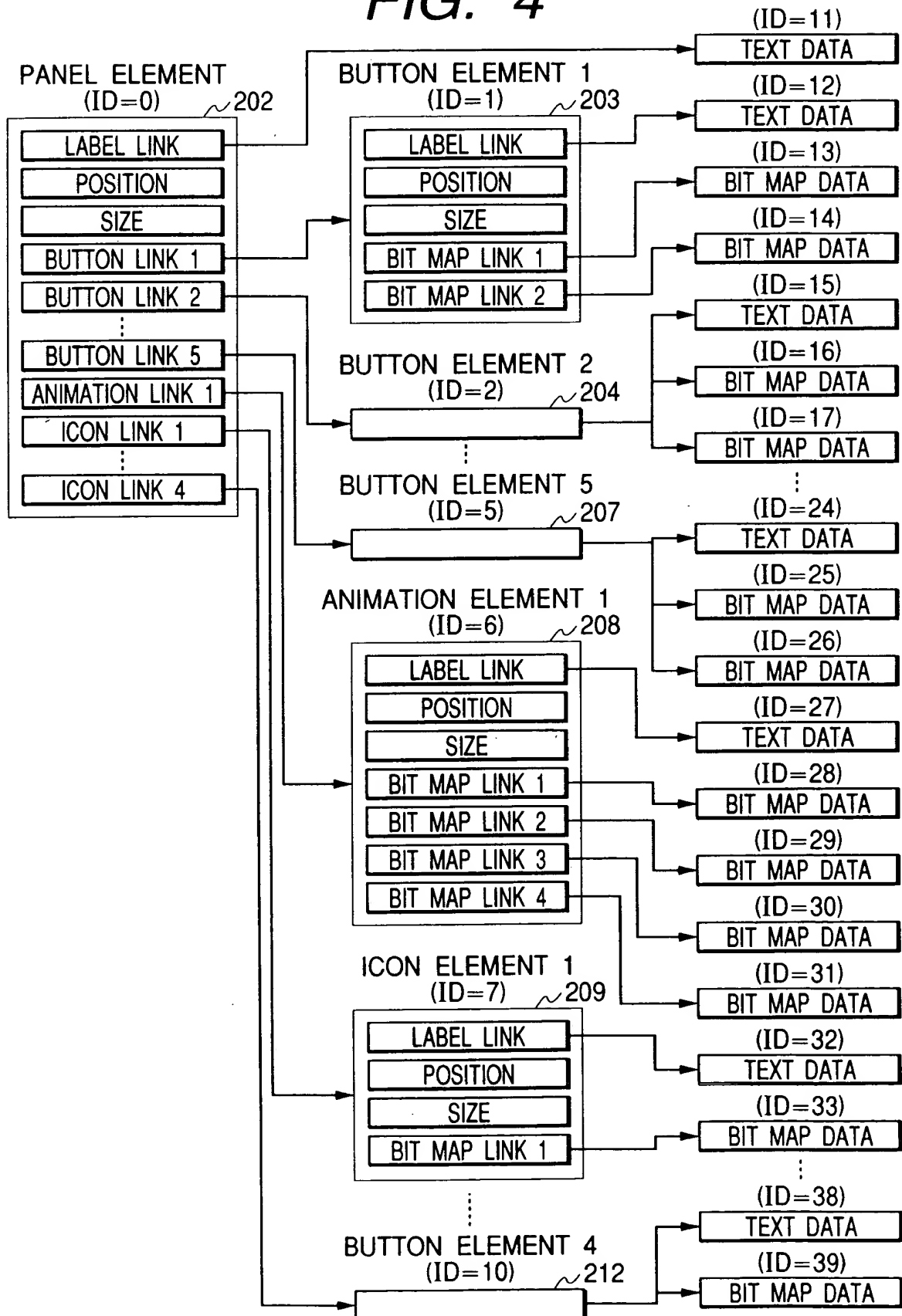
FIG. 4

FIG. 5

ADDRESS OFFSET	VALUE	CONTENTS	
00h	80h	ELEMENT TYPE (PANEL)	
01h	00h		
02h	00h		
03h	00h		
04h	00h	ELEMENT ID (ID=0)	
05h	00h		
06h	00h		
07h	52h		
08h	80h	DATA LENGTH	
09h	0Ah		
0Ah	00h		
0Bh	05h		
0Ch	01h	LABEL LINK	DATA TYPE (TEXT)
0Dh	00h		ELEMENT ID (ID=11)
0Eh	04h		
0Fh	00h		
10h	04h	POSITION	THE NUMBER OF POSITION DESIGNATIONS
11h	00h		X-COORDINATE 0
12h	01h		Y-COORDINATE 0
13h	68h		SYSTEM-OF-COORDINATES DESIGNATION 0
14h	00h	SIZE	WIDTH
15h	78h		HEIGHT
16h	80h		
17h	04h		
18h	00h	BUTTON LINK 1	ELEMENT TYPE (BUTTON)
19h	01h		ELEMENT ID (ID=1)
1Ah	80h		
2Bh	04h		
2Ch	00h	BUTTON LINK 2	ELEMENT TYPE (BUTTON)
2Dh	02h		ELEMENT ID (ID=2)
	⋮	⋮	⋮
26h	80h	BUTTON LINK 5	ELEMENT TYPE (BUTTON)
27h	04h		ELEMENT ID (ID=5)
28h	00h		
29h	05h		
2Ah	80h	ANIMATION LINK 1	ELEMENT TYPE (ANIMATION)
2Bh	0Ah		ELEMENT ID (ID=6)
2Ch	00h		
2Dh	06h		
2Eh	80h	ICON LINK 1	ELEMENT TYPE (ICON)
2Fh	0Ch		ELEMENT ID (ID=7)
30h	00h		
31h	07h		
⋮	⋮	⋮	⋮
3Ah	80h	ICON LINK 4	ELEMENT TYPE (ICON)
3Bh	0Ch		ELEMENT ID (ID=10)
3Ch	00h		
3Dh	0Ah		

FIG. 6

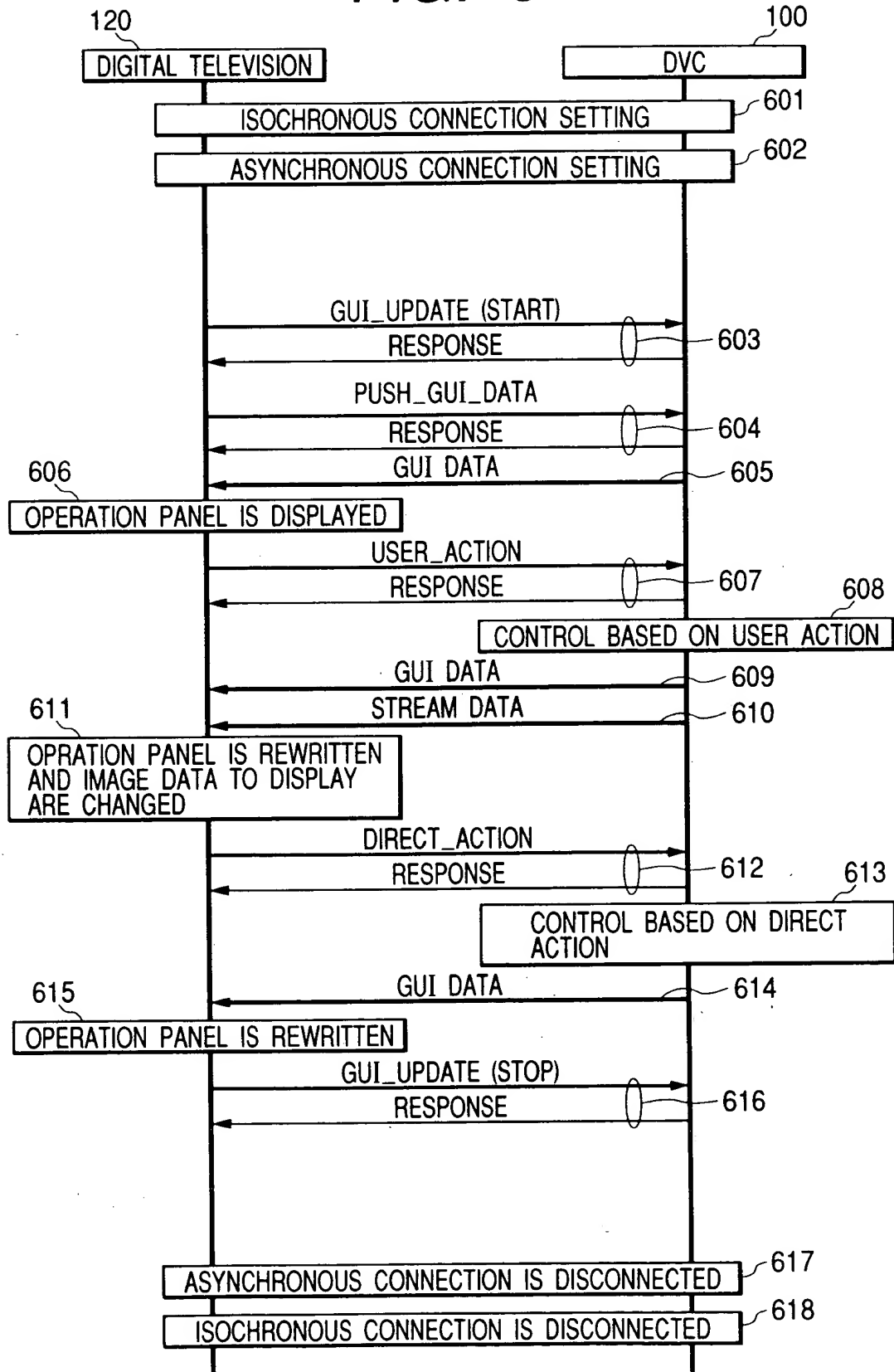


FIG. 7A

UNIT SPEC				OPCODE	OPERAND (0)
CTS	CTYPE	SUBUNIT_TYPE	SUBUNIT ID		
OPERAND (1)		OPERAND (2)		OPERAND (3)	OPERAND (4)

OPERAND (n)		"0" PADDING (IF NECESSARY)			

FIG. 7B

CTS	RESPONSE	SUBUNIT_TYPE	SUBUNIT ID	OPCODE	OPERAND (0)
OPERAND (1)		OPERAND (2)		OPERAND (3)	OPERAND (4)

OPERAND (n)		"0" PADDING (IF NECESSARY)			

FIG. 8A

OPCODE	GUI UPDATE
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	SUB FUNCTION
OPERAND [4]	:

FIG. 8B

SUB FUNCTION VALUE	SUB FUNCTION
00h	OPEN
01h	CLOSE
02h	RESTORE
03h	START
04h	STOP
06h	CHANGE
OTHERS	(RESERVED)

FIG. 9A

OPCODE	PUSH GUI DATA
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	:
OPERAND [4]	:
OPERAND [5]	INDICATOR
OPERAND [6]	ELEMENT_ID
OPERAND [7]	
OPERAND [8]	
OPERAND [9]	

FIG. 9B

OPERAND [5]	(RESERVED)	LEVEL	WITH DATA
msb			lsb

FIG. 9C

LEVEL	RANGE
00	ITSELF
01	ITSELF AND NEXT LEVEL
10	ALL LEVEL
11	(RESERVED)

FIG. 10

OPCODE	USER ACTION
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	ELEMENT_ID
OPERAND [4]	
OPERAND [5]	
OPERAND [6]	
OPERAND [7]	ACTION_TYPE
OPERAND [8]	DATA
:	
:	

FIG. 11

OPCODE	DIRECT_ACTION
OPERAND [0]	ACTION_CODE
OPERAND [1]	ACTION_TYPE
OPERAND [2]	ACTION_DATA_LENGTH
OPERAND [3]	ACTION_SPECIFIED_DATA
OPERAND [4]	:
OPERAND [5]	:
:	:

FIG. 12

ACTION CODE	USER OPERATION
00h	ENTER
01h	UP
02h	DOWN
03h	LEFT
04h	RIGHT
05h	MENU
06h	EPG
07h	CANCEL
:	:
20h	POWER
21h	VOLUME UP
22h	VOLUME DOWN
23h	MUTE
24h	PLAY
25h	STOP
26h	PAUSE
27h	RECORD
28h	REWIND
29h	FAST FORWARD
2Ah	EJECT
2Bh	FORWARD
2Ch	BACKWARD
:	:
:	:
FEh	VENDER UNIQUE
FFh	(RESERVED)

FIG. 13

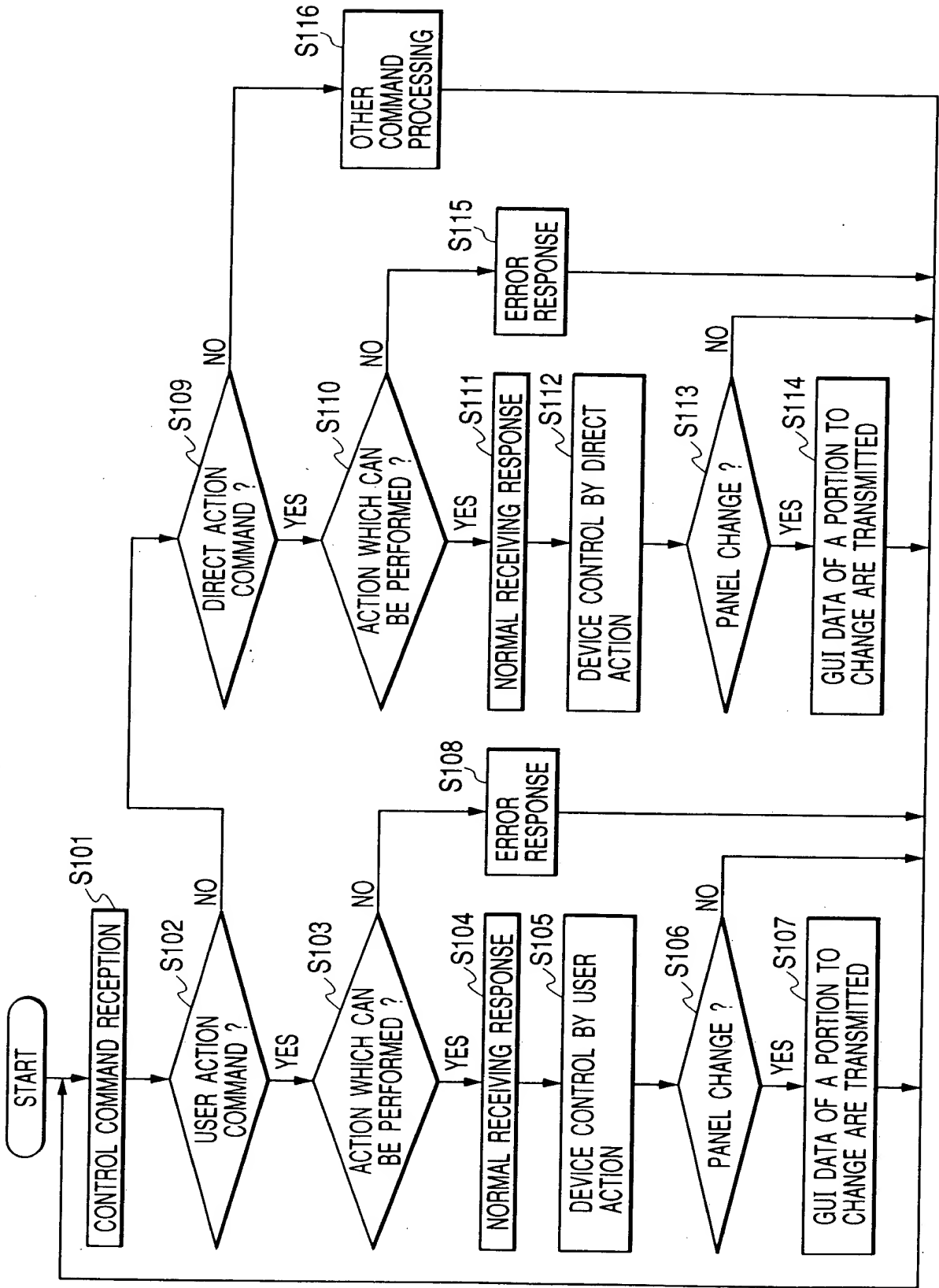


FIG. 14

